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PATENT
REPLY FILED UNDER EXPEDITED PROCEDURE PURSUANT TO 37 CFR § 1.116

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

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1. (Currently amended) An isolated nucleic acid molecule encoding amino acid SEQ ID NO:4 ~~from *Magnaporthe grisea* strain 2539 comprising a segment of chromosome 1 approximately 1 kb in size and containing at least one open reading frame, the segment conferring rice cultivar CO39 specific avirulence to fungal plant pathogens that contain the nucleic acid, wherein the nucleic acid molecule hybridizes with SEQ ID NO:1 or its complement under hybridization conditions comprising hybridization for at least 6 hours at 42°C in 5X SSC, 5X Denhardt's reagent, 1.0% SDS, 100 µg/ml denatured, fragmented salmon sperm DNA, 0.05% sodium pyrophosphate and 50% formamide and washing conditions comprising 5 minutes at room temperature in 2X SSC and 1% SDS, followed by 15 minutes at room temperature in 2X SSC and 0.1% SDS; followed by 30 minutes to 1 hour at 37°C in 2X SSC and 0.1% SDS, followed by 2 hours at 55°C in 2X SSC and 0.1% SDS~~.

2. Canceled.

3. (Currently amended) The nucleic acid molecule of claim 1 ~~2~~, comprising nucleotides 582-850 ~~a portion~~ of SEQ ID NO:1~~, wherein the portion is an open reading frame located between nucleotides 582 and 850~~.